

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|------------------------------|------------------|---------|---------------------|
| S3 | 12 | S2 and membrane | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/21 15:20 |
| S2 | 15 | ("0127141" "20030003336" "20030138678" "20050181250" "3833016" "4810597" "5583240" "5583240" "5599638" "5773162" "5936106" "6146781" "6444343" "6630266" "6890674" "0086193").PN. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/21 15:20 |
| S4 | 377 | fuel with concentration with membrane and ("direct methanol fuel cell" dmfc) | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/21 17:21 |
| S5 | 1 | "5583240".pn. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/21 17:24 |
| S7 | 1204 | S6 and (429/12-46.ccls. "fuel cell") | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/21 17:29 |
| S6 | 1587 | membrane with (permeable semipermeable semi?permeable) with (fuel methanol) | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/21 17:29 |
| S8 | 4 | membrane with (permeable semipermeable semi?permeable) with pure with methanol | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/21 17:47 |
| S9 | 5 | ("20030031908" "20030138678" "20050084720" "6303244" "6306285").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/09/21 17:49 |
| S11 | 150 | membrane with (permeable semipermeable semi?permeable) with (fuel methanol ethanol alcohol reactant) and pure with methanol | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 13:08 |

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| S10 | 693 | membrane with (permeable semipermeable semi?permeable) and pure with methanol | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 13:08 |
| S14 | 0 | "device and method for sensor? less optimization of the methanol concentration in a direct methanol fuel cell" | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:08 |
| S13 | 0 | "device and method for sensor? less optimisation of the methanol concentration in a direct methanol fuel cell" | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:08 |
| S12 | 0 | "device and method for sensorless optimisation of the methanol concentration in a direct methanol fuel cell" | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:08 |
| S17 | 0 | "??86193".pn. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:09 |
| S16 | 0 | "86193".pn. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:09 |
| S15 | 0 | device with method with sensor? less with optim?ation with methanol with concentration with "direct methanol fuel cell" | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:09 |
| S19 | 0 | S18 and "direct methanol fuel cell" | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:10 |
| S18 | 82 | ??86193.pn. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:10 |
| S20 | 1 | "0127141".pn. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:14 |
| S21 | 8 | ????0127141.pn. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:15 |
| S22 | 8 | ????0086193 pn. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 14:16 |

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|-----|-----|---|----------------------|----|----|------------------|
| S23 | 271 | ((("perfluorosulphonic acid" PFSA) and (polytetrafluoroethylene ptfe)) with copolymer | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 17:58 |
| S25 | 59 | S24 and methanol | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 17:59 |
| S24 | 132 | ((("perfluorosulphonic acid" PFSA) and (polytetrafluoroethylene ptfe)) with copolymer same membrane | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 17:59 |
| S27 | 51 | S26 and nalion | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 18:04 |
| S26 | 150 | membrane with (permeable semipermeable semi?permeable) with (fuel methanol ethanol alcohol reactant) and pure with methanol | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/22 18:04 |
| S28 | 1 | 10/576375 | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/23 14:36 |
| S29 | 132 | ((("perfluorosulphonic acid" PFSA) and (polytetrafluoroethylene ptfe)) with copolymer same membrane | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/23 15:19 |
| L3 | 66 | recycle with water and "direct methanol fuel cell" | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/23 17:45 |
| L5 | 10 | 4 and 429/12-46.ccls. | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/23 17:48 |
| L4 | 285 | foam with support with membrane | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/23 17:48 |
| L6 | 8 | 4 and "fuel cell" not 5 | US-PGPUB; USPAT; JPO | OR | ON | 2009/09/23 18:04 |

EAST Search History (Interference)

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9/ 23/ 2009 6:13:40 PM

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